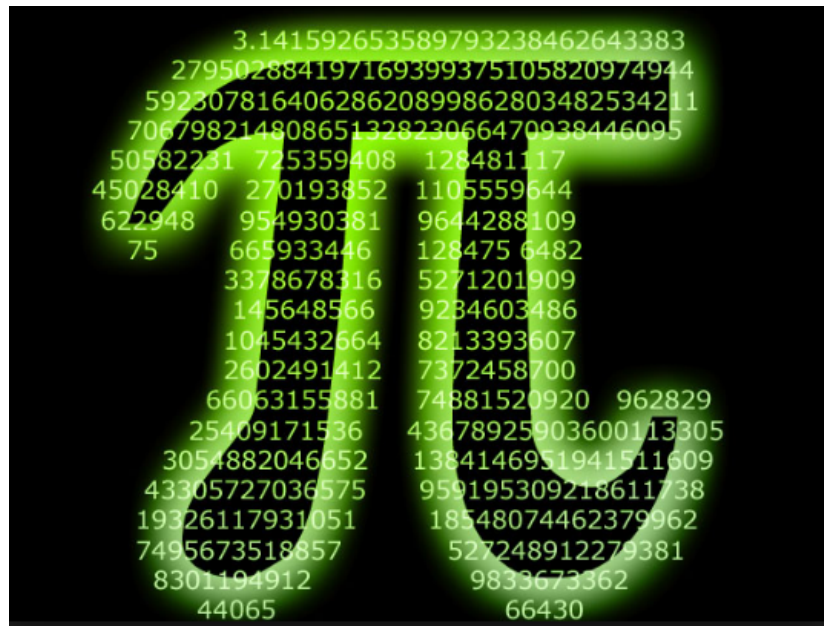


Happy Pi Day!!

Do Now:

Please put
food next
door, do not
take food yet!!



Mar 13-4:54 PM

First, you have to tell me what pi is!!

Object	Diameter	Circumference	C/D
Water Bottle	3.5 in	11 in	3.14
PUCK	3 in	9.25 in	3.08
Ion	1.75 in	6 in	3.43
Small water bottle	2 in	7.7 in	3.85
Mechanical pencil	1/4 in	1 in	4
wooden Salad bowl	9.75	31	3.19
RAMCIN'S head	6 in	22 in	3.6

Mar 13-10:55 PM

$$C = 2\pi r$$

$$C = d\pi$$

$$\frac{C}{d} = \pi$$

Mar 14-2:22 PM

First, you have to tell me what pi is!!

Object	Diameter	Circumference	C/D
Purple cup	3 in	9 in	$9/3 = 3$
Aiready's head	10 in	22.5 inches	$22.5/10$
A's head	5.5 in	21.5 in	$\frac{21.5}{5.5} = 4$
Juice Bottle	1.5 in	7.5 in	$\frac{7.5}{1.5} = 5$
HBD cup	4 in	11 in	$11/4 = 2.75$
Paperclip cup	3 in	10 in	$10/3 = 3.3$
Coaster	10.5	31	$\frac{31}{10.5}$

Mar 13-10:55 PM

First, you have to tell me what pi is!!

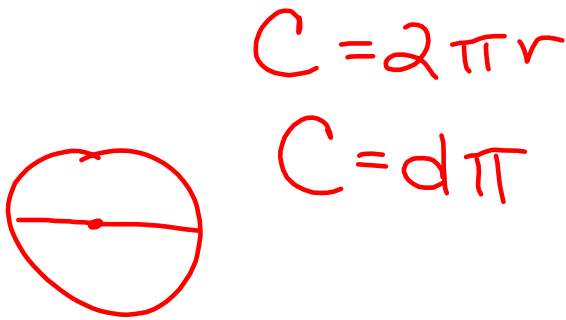
Object	Diameter	Circumference	C/D
Paper Clip Holder	$3\frac{1}{16}$ "	$9\frac{1}{16}$ "	2.37
Stilson's Candle	3	9	$\frac{9}{3} = 3$
Pirouette	4	12	$\frac{12}{4} = 3$
Kerrigans Thigh	4	15.5	$\frac{15.5}{4}$
glue stick	.8"	2.5"	3.125
Puck	2.75 in.	9.25 in.	3.36 in
BOWL	9.5 in.	29.85 in.	π

Mar 13-10:55 PM

First, you have to tell me what pi is!!

Object	Diameter	Circumference	C/D
leave in conditioner	6 in	2.5 in	$\frac{6}{2.5} = 2.4$ in
Febreze	2.1 in	6.5 in	3.095 in
Brittany's Wrist	2.5 in	6	$\frac{6}{2.5} = 2.4$
Bowl	9.625 in	31 in	$\frac{31}{9.625} = 3.22$
Purple cup	2.5 inches	8.5 inches	$\frac{8.5}{2.5} = 3.4$
glue stick	0.5 in	3 in	$\frac{3}{.5} = 6$
Swim	1 in	6.5 in	$\frac{6.5}{1.1}$

Mar 13-10:55 PM



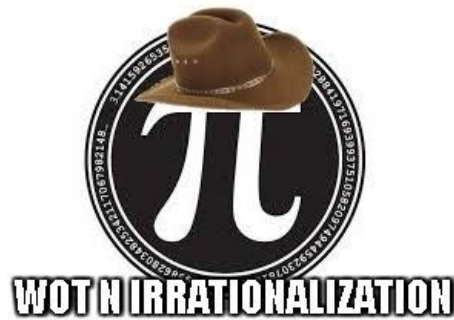
Mar 14-11:32 AM

First, you have to tell me what pi is!!

Object	Circumference	Diameter	C/D
Hockey Puck	9.25 in	2.75 in	3.36 in
Zach's n pad	8"	25.13"	$\frac{25.13}{8}$
coffee cup	3 1/4 in	11 in	3.38 in
water bottle	8.25"	2.5"	3.3"
Zach's Neck	6"	18.844	$\frac{18.844}{6} = \pi$
water cooler	9.75 in	30.5 in	3.128
Grace's head	7.5 in.	26 in.	3.7

Mar 13-10:55 PM

We will do pi day trivia to determine who gets food first!



Mar 13-5:14 PM

The symbol π has been used regularly in its mathematical sense for only about ____ years.

- ① 500
- ② 7
- ③ 138
- ④ 3,000
- ⑤ 4,000
- ⑥ 3,001
- ⑦ 1,714
- ⑧ 75

250



Mar 13-10:31 PM

In the Greek alphabet, π is the _____ letter.

① 11th

② 7th

③ 3rd

④ 21st

⑤ 12th

⑥ 24th

⑦ 14th

16th



Mar 13-10:31 PM

In 1995, Hiroyuki Gotu memorized _____ places of pi and is considered the current pi champion. (Japanese language may be best suited for memorizing sequences of numbers)

① 700

② 7,000

③ 4,000

④ 2,000

⑤ 3,000

⑥ 30,000

⑦ 10,000

⑧ 1,217


42195



Mar 13-10:32 PM

William Shanks (1812-1882) worked for years by hand to find the first 707 digits of pi.


Unfortunately, he made a mistake after the _____ place and, consequently, the following digits were all wrong.

① 320	⑦ 13	527	
② 2 nd	⑧ 45		
③ 343			
④ 130			
⑤ 553			
⑥ f			

Mar 13-10:33 PM

One of the earliest known records of pi was written by an Egyptian scribe named Ahmes on what is now known as the Rhind Papyrus. What year does this date back to?

(Fun fact: he was off by less than 1%)

1000 BC	1817 BC	1650 bc	
2000 BC			
2300 BC			
8050 BC			
2500 BC			
453 BC			

Mar 13-10:35 PM

In the first million decimal places of pi, what digit is most common?

- ① 1
- ② 7
- ③ 9
- ④ 5
- ⑤ 6
- ⑥ 2
- ⑦ 8
- ⑧ 3



5

100359 times!!

Mar 13-10:36 PM

Albert Einstein was born on Pi Day of what year?

- ① 1892
- ② 7
- ③ 1895
- ④
- ⑤ 1880
- ⑥ 1896
- ⑦ 1875
- ⑧ 1878



1879

Mar 13-10:38 PM

As of 2013, pi is currently calculated to ___ digits

- ① 3 mil
- ② 1 trill
- ③ 5 billion
- ④ 300,000
- ⑤ 10,000
1000000
- ⑥ 700,000
- ⑦ 1
- ⑧ 6 trillion



12.1 trillion

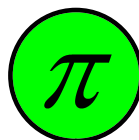
Mar 13-10:41 PM

Pi is classified as what type of number?



Irrational

Mar 13-10:30 PM



Is tau better than pi?

<https://www.youtube.com/watch?v=jG7vhMMXagQ>

<https://www.youtube.com/watch?v=ZPv1UV0rD8U>

Mar 13-5:02 PM

Pi Memorization Race

You will be given 1 minute to look at pi (but do not write it down).

You will then have 30 seconds to write down as many digits as you can.

Each round, one person from your table will be eliminated.

Mar 13-10:48 PM

3.1415926535897932
38462643383279502
88419716939937510
58209749445923078164
06286208998628034825
3421170679

Mar 13-10:49 PM

$i8\Sigma\pi$ & it was good!

I have a pi problem
↓

$$2\pi + 3 = ?$$

can you solve it?

Mar 14-7:03 AM

Mar 14-12:05 PM